## ABSTRACT

The invention relates to a method for marking material defects in/on bar-shaped rolled material after it has left the finishing rolling mill. According to this method, the defective points are detected during the rolling process by ultrasound testing and/or inductive testing and this information is supplied to a computer, which identifies and stores the defective points according to their type and position in the rolled product. The computer then uses this data to control a marking device in such a way that the bar-shaped finished material is marked according to the defect type, respectively, at the point determined by the computer.